

Claims

1. Apparatus for storage and distribution of individualised information concerning specific treatments, desires and identification in case of an emergency situation,
5 comprising

a first database (60), preferably a web-interfaced database, which is accessed by individuals from communication terminals (50), the individuals inputting or updating their own personalised information thereon, the first database including both identities and personalised information,

10 a second database (70), being adapted to retrieve information from the first database, which second database is in communication with at least one mobile communication terminal (80), the terminal having reading means (not shown) adapted to determine and communicate to the second database the identity of a transponder (90) carried by an individual,

15 the second database being adapted to match the identity of the transponder provided by the mobile communication terminal to the personalised information retrieved from the first database,

characterised in that

20 personalised information and identification is provided to and is displayed on the mobile communication terminal so as to assist personnel during an accident, medical or emergency situation.

2. Apparatus according to claim 1, **characterised in that**

25 the first database is optimised for provision of user-friendliness, storage of exchangeable personalised information and allowing for simultaneous access by a large number of individuals, whereas the second database is optimised for reliability in operation and quick response.

3. Apparatus according to claim 1, **characterised in that**

30 the first and second databases form parts or instances of one single da-

base.

4. Apparatus according to claim 1, **characterised in that**

the mobile communication terminal is adapted for manual input of notifications about the types and seriousness of injuries of individuals during an accident or emergency situation, which notifications are communicated via a third database (95) to related hospitals.

5. Apparatus according to anyone of claims 1-4, **characterised in that**

the mobile communication terminal is mounted in a vehicle, whereby the reading means is adapted to retrieve the identities of all passengers in the vehicle, the identities being intermediately stored and ready for immediate transmission to a public service access point (96).

6. Apparatus according to anyone of claims 1-5, **characterised in that**

the mobile communication terminal is adapted to transmit a minimum set of data to the public service access point, such as position and identity of the vehicle, and in parallel transmit a full set of data to a service provider (98), such as safety sensor related data or other relevant data collected from any computer system of the vehicle.

7. Apparatus according to anyone of claims 5-6, **characterised in that**

the mobile communication terminal is integrally mounted in the vehicle.

8. Apparatus according to anyone of claims 5-7, **characterised in that**

transmission of intermediately stored identities is activated by a triggering means.

9. Apparatus according to of claim 7, **characterised in that**

the triggering means is an accelerometer, gyro or any other related

means integrated with the vehicle, which is activated by physical violence resulting from an accident.

10. Apparatus according to claim 5, **characterised in that**

5 the public service access point is adapted to retrieve vehicle related information from any connected service provider (97), such as explosive or otherwise dangerous load, presence of accident influencing elements and type of vehicle.

10 11. Apparatus according to anyone of claims 1-3, **characterised in that**

 the reading means is chosen from a group comprising an RFID reader, an IMEI number reader, the IMEI number being specified in GSM/GPRS standards, Bluetooth or Wi-Fi.

15 12. Apparatus according to claim 1, **characterised in that**

 the transponder being active, such as provided with a battery or other power means.

13. Apparatus according to claim 1, **characterised in that**

20 the transponder being passive, such as a thin transponder tablet or tag.

14. Apparatus according to claim 1, **characterised in that**

 the first database, which is accessed by individuals from communication terminals, is adapted to be receive input or updates from the individuals via
25 mobile communication terminals.

15. Apparatus according to anyone preceding claims, **characterised in that**

 the mobile communication terminal is adapted to provide access to and retrieve information to be displayed from an existing medical record database

system.

16. Apparatus according to anyone preceding claims, **characterised in that**

5 connection between mobile or stationary communication terminals and databases is established via at least one radio base station (75) used primarily for establishing connections between mobile telephones in a communication network.

17. Apparatus according to anyone of preceding claims, **characterised in that**

10 connection is established for information updates in a wireless communication network, such as wireless-LAN, so-called hotspot, wireless dial-up access service or Wi-Fi access location.

18. Apparatus according to claim 16, **characterised in that**

15 the radio base station is a communication terminal with which connection is established peer-to-peer via radio frequency transmission, such as Bluetooth, or via transmission of infrared signals.

19. Method for storing and distributing individualised information concerning specific treatments, desires and identification in case of an emergency situation, the method including the steps of:

20 individuals accessing a first database (60) from communication terminals (50) for inputting or updating personalised information stored on the database, the first database including both identities and personalised information,
25 a second database (70) retrieving information from the first database and communicating with at least one mobile communication terminal (80), the terminal having reading means (not shown) for determining and communicating to the second database the identity of a transponder (90) carried by an individual,
30 matching on the second database the identity of the transponder provided by the mobile communication terminal to the personalised information re-

trieved from the first database,

characterised by

providing to and displaying personalised information and identification
on the mobile communication terminal so as to assist personnel during an acci-
dent, medical or emergency situation.

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20. Method according to claim 18, **characterised by**

forming the first and second databases as parts or instances of one sin-
gle database.

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21. Computer program which when executed on a computer means is adapted to
carry out the method steps of anyone of claims 19-20.